

CLAIMS

1. A structure for preventing any deviation of a wedge (10), which is formed into a conical shape by combining n ($n > 1$) split pieces (11) with each other and grasps a PC steel member, the wedge deviation preventing structure characterized by comprising:

connecting means for restricting any deviation of each of the split pieces (11) in a longitudinal direction while allowing each of the split pieces (11) to be moved in a circumferential direction, so as to connect side surfaces of at least the $n-1$ split pieces (11) to each other with an adjacent interval.

2. A wedge deviation preventing structure according to claim 1, characterized in that the connecting means includes a pin (50) to be connected to side surfaces of the adjacent split pieces (11) on a wedge large diameter side; and

a restraint ring (20) for holding the split pieces (11) in the conical shape.

3. A wedge deviation preventing structure according to claim 1, characterized in that the connecting means includes a projection (51) projecting at an end surface of each of the split pieces (11) on a wedge large diameter side;

an inserting hole (52) formed through the side surface of the projection (51) in the circumferential direction; and

a ring member (53) inserted into all of the inserting holes

(52).

4. A wedge deviation preventing structure according to claim 3, characterized in that the projections (51) are formed at both ends of one split piece (11) in an arcuate direction, and a ring-like elastic member (54), into which the ring member (53) is inserted, is interposed between the projections (51) formed at the adjacent split pieces (11).

5. A wedge deviation preventing structure according to claim 1, characterized in that the connecting means is configured such that the side surfaces of the adjacent split pieces (11) are joined to each other via a synthetic resin material (55) having elasticity in such a manner that the split pieces (11) can be developed on a plane.

Explanation of Reference Numerals

	10	wedge
	11	split piece
	12	annular groove
5	13	side surface
	14	inserting well
	20	restraint ring
	30	PC steel strand
	41	inner trumpet
10	42	outer trumpet
	43	rib cast anchor
	44	recess tube
	45	spiral stripe
	46	anchor disk
15	47	grout cap
	50	pin
	51	projection
	52	inserting hole
	53	ring member
20	54	ring-like elastic member
	55	synthetic resin material
	60	concrete structure